

Figure 1

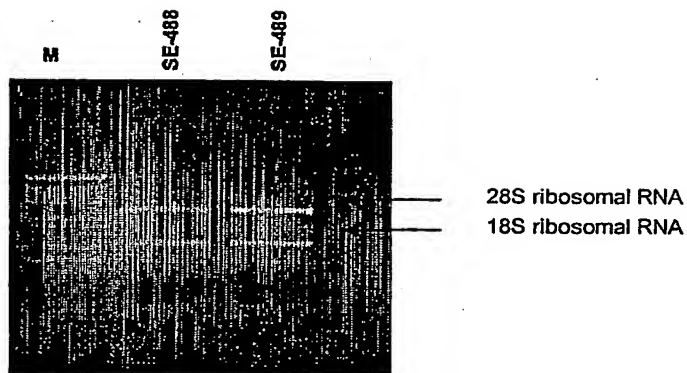


Figure 2

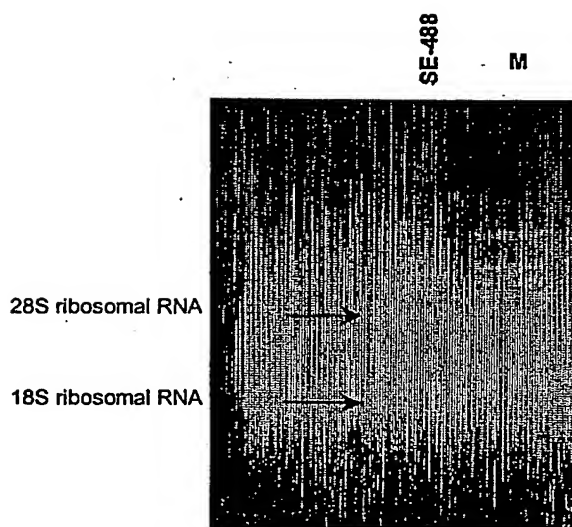


Figure 3

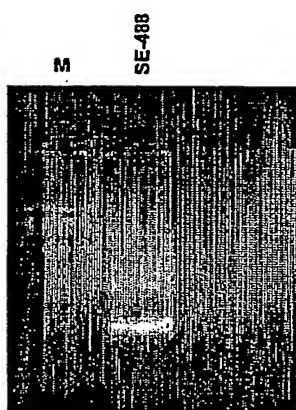


Figure 4

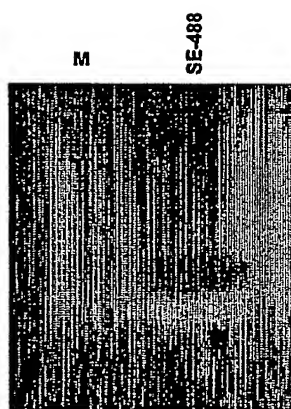


Figure 5

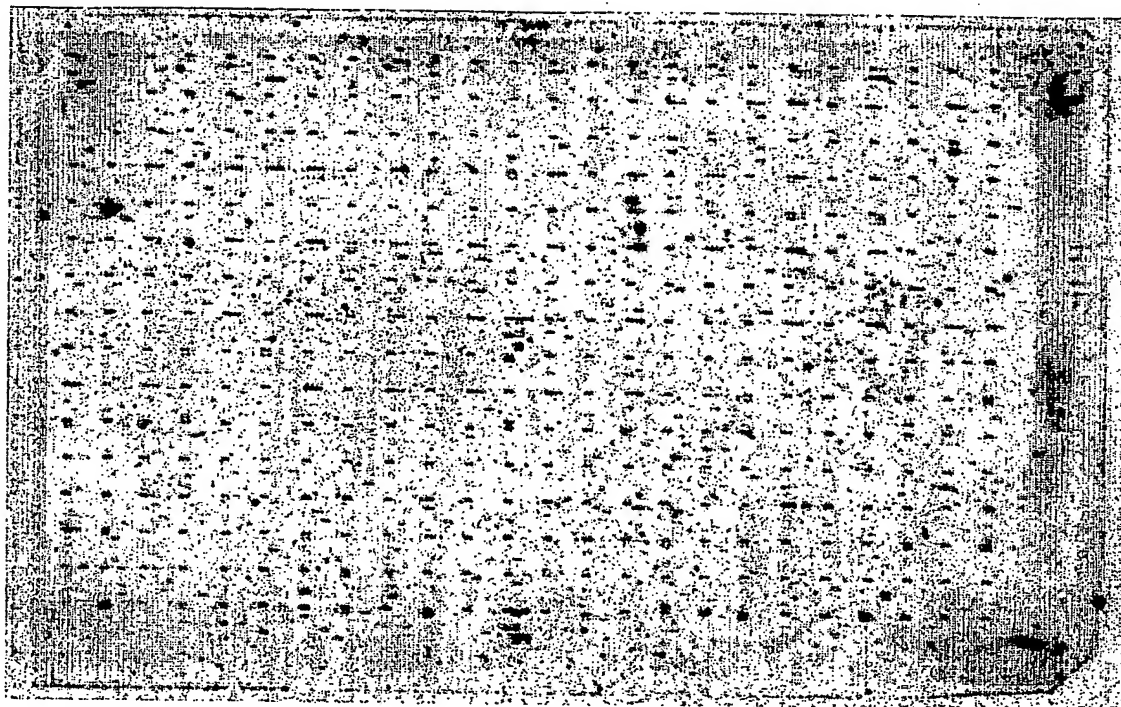


Figure 6

ABCB1

First type	TAACTACAAAA CG TAATTAAAAAAATTTTCT CG AAATT CG CA
Reprog	TAACTACAAAA TG TAATTAAAAAAATTTTCT TG AAATT TG CA
Second type	TAACTACAAAA TG TAATTAAAAAAATTTTCT TG AAATT TG CA

IRF7

First type	CG AAACATTTCAACTC CGCG AAACCC CG CCTC CG CCTC CG CCTC CG GTCTC CG GTCCGA
Reprog	TG AAACATTTCAACTC TGTG AAACCC TG CCTC TG CCTC TG CCTC TG TCTCT TG TCTGA
Second type	TG AAACATTTCAACTC TGTG AAACCC TG CCTC TG CCTC TG CCTC TG TCTCT TG TCTGA

ESR1B

First type	TTTT CG TCTTTCCAAAATATTCCATAATATTATAAAAAAT CG AAAAC CG AAAAAAATA
Reprog	TTTT TG TCTTTCCAAAATATTCCATAATATTATAAAAAAT TG AAAAC TG AAAAAAATA
Second type	TTTT TG TCTTTCCAAAATATTCCATAATATTATAAAAAAT TG AAAAC TG AAAAAAATA

GZMA

First type	TTTTAAAAAT TG CTTTCATCATCTACAATATTAT
Reprog	TTTTAAAAAC CG CTTTCATCATCTACAATATTAT
Second type	TTTTAAAAAT TG CTTTCATCATCTACAATATTAT

CDX1

First type	AAAAAAACCTCT TG AACT TG TGAATCAAAAAAAA
Reprog	AAAAAAACCTC CG GAAC CG CGAATCAAAAAAAA
Second type	AAAAAAACCTC CG GAAC TG CGAATCAAAAAAAA

Figure 6 Cont'd

MAGEA2

First type	A	T	G	T	C	A	C	A	T	C	C	T	G	A	A	C	C	A	T	A	A
Reprog	A	C	G	T	C	A	C	A	T	C	C	G	G	A	A	C	C	A	T	A	A
Second type	A	C	G	T	C	A	C	A	T	C	C	G	G	A	A	C	C	A	T	A	A

THY1

First type	A	A	A	C	C	T	G	A	A	T	T	T	T	C	A	C	T	G	A	A	A	A
Reprog	A	A	A	C	C	C	G	A	A	T	T	T	T	C	A	C	C	G	A	A	A	A
Second type	A	A	A	C	C	T	G	A	A	T	T	T	T	C	A	C	T	G	A	A	A	A